Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 17 Aug 2020 until 23:59 on Tuesday 18 Aug 2020

Forecast Issued on Monday 17 Aug 2020 at 03:43

Confidence: High confidence for an unsettled period of weather, however confidence is low to moderate for extent and intensity of heavy showers and thunderstorms over the next few days. Confidence generally higher for the onset of some wet and windy weather towards the latter stage of this coming week.

Headline for Monday 17 Aug 2020: A grey and gloomy start, but brightening up with sunny spells and scattered heavy showers and thunderstorms.

Mountain weather hazards on Monday 17 Aug 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Drizzle	Heavy rain showers	Thunderstorm	Thunderstorm	Heavy rain showers (night)
Precipitation probability					
30%	30%	40%	70%	70%	60%

Forecast for Monday 17 Aug 2020

Weather: Cloud will be low bringing extensive mist and fog, which will continue through the morning, although much of the rain will ease. Through late morning skies will turn brighter from the south, allowing some sunshine to break through, however this could spark further heavy showers and thunderstorms. These will steadily ease during the evening giving a drier end to Monday.

Chance of cloud free mountain/hill tops above 600m: 0-10% until 12:00, with hill tops in the west most favoured for any breaks. Becoming 80-90% after 12:00 with southern and western parts of the park seeing the improvements first. Heavy showers and thunderstorms may occasionally cover tops in cloud.

Visibility: Often moderate or poor (in rain) and very poor <100m (in fog) until 12:00, where navigation will be difficult. Improving as skies brighten to become excellent 25km, but occasionally moderate or poor to just a few kilometres in heavy showers and thunderstorms.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 17 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 NE	4/6 E	6/8 SW	5/8 SE	8/12 S	8/11 S	9/12 SW
300	6/11 NE	5/6 NE	4/7 S	4/6 NW	5/8 S	5/8 S	6/10 S
Valley	3/6 N	4/6 E	3/6 S	3/6 W	5/9 SE	4/8 SE	4/9 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/11	12/12	14/13	15/15	15/14	14/13	13/12
300	14/13	15/14	16/17	18/19	17/17	16/16	15/15
Valley	14/14	16/16	17/18	18/19	18/18	16/16	15/15
Freezing Level*	3000m	2900m	2800m	2700m	2800m	2700m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind gusts will be higher (locally 20-25 mph) in and around heavy showers and thunderstorms.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 17 Aug 2020	13.8mm	13.8mm	13.8mm

Forecast for Tuesday 18 Aug 2020

Weather: A mixture of clear spells and scattered heavy showers at first, although perhaps turning drier through the morning with some sunshine breaking through. A scattering of heavy and perhaps thundery showers are possible through Tuesday afternoon, but it will steadily turn drier during the evening and overnight.

Maximum wind: Southwesterly 20mph, gusting 25-30mph.

Chance of cloud free mountain/hill tops above 600m: 40% until 10:00, rising to 90% with scattered showers or thunderstorms causing clouds to occasionally cover tops.

Visibility: Generally excellent 25km, with far reaching hills visible. Falling to just a few kilometres in heavy showers and thunderstorms and only a few hundred metres in cloud.

Temperature: **Valleys:** Plus 15 Celsius, becoming Plus 20 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Above tops.

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